

FILE 'REGISTRY' ENTERED AT 16:13:24 ON 29 MAY 2002

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FILE 'USPATFULL, CAPLUS, CAOLD' ENTERED AT 16:14:12 ON 29 MAY 2002

L1 1208 S PHAEOPHYCEAE OR PHAEOPHYTA OR DICTYOTALE OR DICTYOTAE OR DICT  
L2 168918 S 424/401/NCL OR COSMETIC? OR DERMATOLOG? OR TOPICAL?  
L3 39 S L1 AND L2  
L4 24 S L3 AND PY<2000  
L5 16 S L4 AND PY<1999  
L6 15 DUP REM L5 (1 DUPLICATE REMOVED)  
L7 593881 S ETHANOL OR (ETHYL (3A) ALCOHOL) OR ACETONE

L9 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:451154 CAPLUS  
DOCUMENT NUMBER: 127:166515  
TITLE: Effects of alga face pack on the amounts of  
hydroxyproline in mouse skin  
AUTHOR(S): Wang, Chunbo; He, Mengquan; Li, Ya; Xu, Jianlin; Kuan,  
Ruixia; Wang, Yuzhen; Tao, Shangmin  
CORPORATE SOURCE: Medical College of Qingdao Univ., Tsingtao, 266071,  
Peop. Rep. China  
SOURCE: Zhongguo Haiyang Yaowu (1996), 15(4), 32-34  
CODEN: ZHYAE8; ISSN: 1002-3461  
PUBLISHER: Shandong Haiyang Yaowu Kexue Yanjiuso  
DOCUMENT TYPE: Journal  
LANGUAGE: Chinese  
CLASSIFICATION: 62-4 (Essential Oils and Cosmetics)  
Section cross-reference(s): 11

ABSTRACT:

The alga face pack (SFP) is mainly made of algin and other water-sol. exts. from brown algae. Effects of alga face pack on contents of hydroxyproline and other amino acids in mouse skin were detd. by a high-speed amino acid analyzer. Results showed that different doses of SFP could increase the contents of hydroxyproline (2.10  $\pm$  0.40 and 2.32  $\pm$  0.36 g 100g<sup>-1</sup>) and also increase the contents of glycine, glutamic acid, proline, valine, tyrosine and leucine (P < 0.01). The effects were dose-dependent (P < 0.01).

SUPPL. TERM: alga facial pack skin hydroxyproline; amino acid skin alga  
facial pack  
INDEX TERM: Algae  
Brown algae (**Phaeophyceae**)  
Skin  
(effects of alga face pack on amt. of amino acids in  
mouse skin)  
INDEX TERM: Amino acids, biological studies  
ROLE: BUU (Biological use, unclassified); BIOL (Biological  
study); USES (Uses)  
(effects of alga face pack on amt. of amino acids in  
mouse skin)  
INDEX TERM: **Cosmetics**  
(packs; effects of alga face pack on amt. of amino acids  
in mouse skin)  
INDEX TERM: 56-40-6, Glycine, biological studies 56-41-7, Alanine,  
biological studies 56-45-1, Serine, biological studies  
56-84-8, Aspartic acid, biological studies 56-86-0,  
Glutamic acid, biological studies 56-87-1, Lysine,  
biological studies 60-18-4, Tyrosine, biological studies  
61-90-5, Leucine, biological studies 63-68-3, Methionine,  
biological studies 63-91-2, Phenylalanine, biological  
studies 71-00-1, Histidine, biological studies 72-18-4,  
Valine, biological studies 72-19-5, Threonine, biological  
studies 73-22-3, Tryptophane, biological studies  
73-32-5, Isoleucine, biological studies 74-79-3, Arginine,  
biological studies 147-85-3, Proline, biological studies  
9005-38-3, Algin  
ROLE: BUU (Biological use, unclassified); BIOL (Biological  
study); USES (Uses)  
(effects of alga face pack on amt. of amino acids in  
mouse skin)

L10 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1999:449003 CAPLUS  
DOCUMENT NUMBER: 131:120605  
TITLE: Skin-care **cosmetics**  
INVENTOR(S): Inaba, Tomoyuki; Kawai, Eriko  
PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 15 pp.  
CODEN: JKXXAF

DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
INT. PATENT CLASSIF.:  
MAIN: A61K007-00  
SECONDARY: A61K007-00; A61K007-035; A61K007-48  
CLASSIFICATION: 62-4 (Essential Oils and Cosmetics)  
Section cross-reference(s): 11

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11193207	A2	19990721	JP 1997-368307	19971226 <--

ABSTRACT:

Skin-care **cosmetics** having skin pH buffering capacity comprise amino acids, protease inhibitors, hydroquinones, lipids, plant exts., glycyrrhetinic acid, glycyrrhizinic acid and/or vitamins. A cream contained stearic acid 5, stearyl alc. 4, iso-Pr myristate 18, glycerin monostearate 3, propylene glycol 10, ceramide 0.1, potassium hydroxide 0.2, sodium bisulfate 0.01, preservatives, perfumes and purified water to 100 parts.

SUPPL. TERM: **cosmetic** skin amine protease inhibitor; vitamin  
plant ext skin **cosmetic** skin

INDEX TERM: **Cosmetics**  
(creams; skin-care **cosmetics**)

INDEX TERM: **Cosmetics**  
(emulsions; skin-care **cosmetics**)

INDEX TERM: Brown algae (**Phaeophyceae**)  
Firmiana  
Green algae (Chlorophyta)  
Isodon (plant)  
Mallotus (plant)  
Oleander (Nerium)  
Pyrola  
Red algae (Rhodophyta)  
Rose (Rosa)  
(exts.; skin-care **cosmetics**)

INDEX TERM: **Cosmetics**  
(foundations; skin-care **cosmetics**)

INDEX TERM: **Cosmetics**  
(gels; skin-care **cosmetics**)

INDEX TERM: **Cosmetics**  
(packs; skin-care **cosmetics**)

INDEX TERM: Amino acids, biological studies  
Ceramides  
Hydroquinones  
Lipids, biological studies  
Vitamins

ROLE: BUU (Biological use, unclassified); PEP (Physical,  
engineering or chemical process); BIOL (Biological study);  
PROC (Process); USES (Uses)  
(skin-care **cosmetics**)

INDEX TERM: **Cosmetics**  
(skin-care; skin-care **cosmetics**)

INDEX TERM: 9002-07-7, Trypsin  
 ROLE: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)  
 (inhibitor; skin-care **cosmetics**)

INDEX TERM: 56-87-1, L-Lysine, biological studies 56-91-7, p-Aminomethylbenzoic acid 59-67-6, Nicotinic acid, biological studies 60-32-2, 6-Aminohexanoic acid 60-35-5, Acetamide, biological studies 65-23-6, Pyridoxine 66-72-8, Pyridoxal 74-79-3, L-Arginine, biological studies 103-81-1, 2-PhenylAcetamide 113-00-8, Guanidine 471-53-4, Glycyrrhetic acid 497-76-7, Arbutin 506-26-3, .gamma.-Linolenic acid 529-96-4, Pyridoxamine-5'-phosphate 618-39-3, Benzamidine 1197-18-8, Tranexamic acid 1405-86-3 2002-16-6, Phenylguanidine 3459-66-3 3858-83-1, p-AminoBenzamidine 9087-70-1, Aprotinin 37205-61-1, Protease inhibitor 37691-11-5, Antipain 50864-63-6, Plasminostreptin 55123-66-5, Leupeptin 133856-63-0  
 ROLE: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)  
 (skin-care **cosmetics**)

L10 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:449004 CAPLUS  
DOCUMENT NUMBER: 131:120606  
TITLE: Skin pH buffering capacity-enhancing preparations  
INVENTOR(S): Inaba, Tomoyuki; Kawai, Eriko  
PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
INT. PATENT CLASSIF.:  
MAIN: A61K007-00  
SECONDARY: A61K007-00; A61K007-48; A61K031-01; A61K031-195;  
A61K031-20; A61K031-44; A61K035-78; A61K035-80;  
A61K038-55; A61K045-00  
CLASSIFICATION: 62-4 (Essential Oils and Cosmetics)  
Section cross-reference(s): 11  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11193212	A2	19990721	JP 1997-368306	19971226 <--

ABSTRACT:

Skin pH buffering capacity-enhancing prepsns. comprise specific amines, protease inhibitors, lipids, plant exts. and/or vitamins. A cream contained stearic acid 5, stearyl alc. 4, iso-Pr myristate 18, glycerin monostearate 3, propylene glycol 10, Pyrola exts. 0.1, potassium hydroxide 0.2, sodium bisulfate 0.01, preservatives, perfumes and purified water to 100 parts.

SUPPL. TERM: **cosmetic** skin pH amine protease inhibitor; vitamin  
plant ext **cosmetic** skin pH  
INDEX TERM: **Cosmetics**  
(creams; skin pH buffering capacity-enhancing prepsns.)  
INDEX TERM: **Cosmetics**  
(emulsions; skin pH buffering capacity-enhancing prepsns.)  
INDEX TERM: Brown algae (**Phaeophyceae**)  
Curcuma longa  
Equisetum gigantum  
Firmiana  
Green algae (Chlorophyta)  
Isodon (plant)  
Mallotus (plant)  
Oleander (Nerium)  
Pyrola  
Red algae (Rhodophyta)  
Rose (Rosa)  
Sapodilla (Manilkara zapota)  
(exts.; skin pH buffering capacity-enhancing prepsns.)  
INDEX TERM: **Cosmetics**  
(foundations; skin pH buffering capacity-enhancing  
prepsns.)  
INDEX TERM: **Cosmetics**  
(gels; skin pH buffering capacity-enhancing prepsns.)  
INDEX TERM: **Cosmetics**  
(packs; skin pH buffering capacity-enhancing prepsns.)  
INDEX TERM: Sterols  
ROLE: BUU (Biological use, unclassified); PEP (Physical,  
engineering or chemical process); BIOL (Biological study);  
PROC (Process); USES (Uses)  
(phyto-; skin pH buffering capacity-enhancing prepsns.)  
INDEX TERM: pH

(skin pH buffering capacity-enhancing preps.)

INDEX TERM: Amines, biological studies  
 Ceramides  
 Lipids, biological studies  
 Vitamins  
 ROLE: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)

(skin pH buffering capacity-enhancing preps.)

INDEX TERM: 9002-07-7, Trypsin  
 ROLE: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)

(inhibitor; skin pH buffering capacity-enhancing preps.)

INDEX TERM: 50-81-7, L-Ascorbic acid, biological studies 56-87-1, L-Lysine, biological studies 57-88-5, Cholesterol, biological studies 59-43-8, Thiamine, biological studies 59-67-6, Nicotinic acid, biological studies 60-32-2, 6-Aminohexanoic acid 60-35-5, Acetamide, biological studies 65-23-6, Pyridoxine 68-26-8, Retinol 70-26-8, L-Ornithine 74-79-3, L-Arginine, biological studies 103-81-1, 2-PhenylAcetamide 506-26-3, .gamma.-Linolenic acid 618-39-3, Benzamidine 1197-18-8, Tranexamic acid 2002-16-6, Phenylguanidine 3459-66-3 3858-83-1, p-AminoBenzamidine 9087-70-1, Aprotinin 37205-61-1, Protease inhibitor 37691-11-5, Antipain 38697-86-8 50864-63-6, Plasminostreptin 55123-66-5, Leupeptin 133856-63-0  
 ROLE: BUU (Biological use, unclassified); PEP (Physical, engineering or chemical process); BIOL (Biological study); PROC (Process); USES (Uses)

(skin pH buffering capacity-enhancing preps.)

L9 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:55932 CAPLUS  
DOCUMENT NUMBER: 126:79747  
TITLE: Cleansing compositions containing seaweed extracts  
INVENTOR(S): Ishibashi, Kyohide  
PATENT ASSIGNEE(S): Sariensu Kk, Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 4 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
INT. PATENT CLASSIF.:  
MAIN: C11D003-382  
CLASSIFICATION: 62-3 (Essential Oils and Cosmetics)  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08283786	A2	19961029	JP 1995-88380	19950413 <--
JP 3114048	B2	20001204		

ABSTRACT:

**Cosmetic** cleansers comprise detergents and seaweed viscous exts. which are obtained by soaking a washed seaweed in water. The cleansers provide a mild degreasing powder and prevents the rough skin. Dried konbu was pulverized and washed with 1 % citric acid. The washed konbu was placed in a water contg. 1,3-butylene glycol and paraben (as stabilizer) for 7 days and filtered. The obtained viscous liq. (1200 cps) was mixed with polyoxyethylene alkyl sulfate and water to be used for washing hair.

SUPPL. TERM: **cosmetic** cleanser seaweed ext  
INDEX TERM: Shampoos  
Skin cleansers  
(**cosmetic** cleansers contg. seaweed exts.)  
INDEX TERM: Brown algae (**Phaeophyceae**)  
Gloiopeltis  
Green algae (Chlorophyta)  
Laminaria  
Red algae (Rhodophyta)  
Seaweed  
(exts.; **cosmetic** cleansers contg. seaweed  
exts.)

L8 ANSWER 1 OF 8 USPATFULL

ACCESSION NUMBER: 1999:120885 USPATFULL

TITLE: Biologically-active compositions extracted from  
**dictyotales** plant family

INVENTOR(S): Gutierrez, Gilles, 39 rue Lieutenant-Colonel-Prevost,  
Lyon, France 69006

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 5961981		19991005	<--
	WO 9725998		19970724	
APPLICATION INFO.:	US 1997-930365		19971031	(8)
	WO 1997-FR106		19970120	
			19971031	PCT 371 date
			19971031	PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	FR 1996-522	19960118
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Gitomer, Ralph	
LEGAL REPRESENTATIVE:	Bierman, Muserlian and Lucas	
NUMBER OF CLAIMS:	2	
EXEMPLARY CLAIM:	1	
LINE COUNT:	799	

AB Biological substances and particularly biologically active substances of marine origin are disclosed. The novel biologically active substances are extracts of plants of the **dictyotales** family and have characteristic analytical properties. A method for preparing said novel substances and pharmaceutical, **cosmetic** and/or food compositions containing such substances are also disclosed. Said biologically active substances are useful for preparing pharmaceutical,



L10 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2002 ACS

TI Method for production of a **cosmetic** product for protecting skin  
against air pollution

PI FR 2779953 A1 19991224

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2779953	A1	19991224	FR 1998-8034	19980622 <--
FR 2779953	B1	20000811		
JP 2000026231	A2	20000125	JP 1999-175378	19990622
US 6258366	B1	20010710	US 1999-337274	19990622

AB A method for prodn. of a **cosmetic** for protecting skin against  
air pollution is disclosed comprising the use of enzymic products of  
sodium alginate extd. from an. . .

ST **cosmetic** skin air pollution alginate

IT Air pollution

Brown algae (**Phaeophyceae**)

**Cosmetics**

(method for prodn. of **cosmetic** product for protecting skin  
against air pollution)

IT 9024-15-1, Alginate lyase 86922-62-5, Mannuronate lyase

RL: CAT (Catalyst use); USES (Uses)

(method for prodn. of **cosmetic** product for protecting skin  
against air pollution)

IT 9005-38-3, Sodium alginate 51433-33-1, Sodium .alpha.-L Guluronate  
62543-89-9, Sodium .beta.-D-mannuronate

RL: RCT (Reactant); RACT (Reactant or reagent)

(method for prodn. of **cosmetic** product for protecting skin  
against air pollution)

L10 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:194406 CAPLUS  
DOCUMENT NUMBER: 130:227543  
TITLE: Pigment composition for body **cosmetics** and  
method for its production  
INVENTOR(S): Sim, Ho Chin  
PATENT ASSIGNEE(S): Da Min Enterprise Ltd., S. Korea  
SOURCE: Ger. Offen., 12 pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
INT. PATENT CLASSIF.:  
MAIN: A61K007-00  
CLASSIFICATION: 62-4 (Essential Oils and Cosmetics)  
Section cross-reference(s): 63  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19841887	A1	19990318	DE 1998-19841887	19980911 <--
JP 11139927	A2	19990525	JP 1998-255787	19980909 <--
JP 2939252	B2	19990825		
CA 2244286	AA	19990312	CA 1998-2244286	19980911 <--
FR 2768336	A1	19990319	FR 1998-11370	19980911 <--
GB 2329584	A1	19990331	GB 1998-19923	19980911 <--
GB 2329584	B2	19990804		
CN 1220872	A	19990630	CN 1998-117785	19980914 <--
			KR 1997-47853	19970912

PRIORITY APPLN. INFO.:

ABSTRACT:

A **cosmetic** pigment compn. which increases tissue elasticity, promotes body wt. loss and body motility, and inhibits skin aging contains constituents of marine brown algae, sea tangle, clay, and loess. The brown algae and sea tangle are sources of Ca, K, I, Se, and alginic acid; the clay and loess yield silica, Al, and Mg. The brown alga and sea tangle constituents are obtained by repeatedly freezing and thawing the algae, suspending them in a purified sea salt soln., pulverizing, filtering, and adding an org. acid. An aq. ext. of loess is dried in the shade, a sea salt soln. is added with shaking, the insol. residue is sedimented and removed, and NaOH soln. is added to pH .apprx.7.0 to induce agglutination of viscous components. A **cosmetic** lotion is obtained by combining algal ext. 30, loess ext. viscous components 20, propylparaben 0.1, perfume 0.1, dye, and sea salt soln. to 100 wt.%. An app. and procedure for prepn. of a purified sea salt soln. is described with the aid of schematic diagrams.

SUPPL. TERM: **cosmetic** pigment brown algae loess clay; mineral  
alginate **cosmetic** pigment; salt purifn seawater  
**cosmetic**  
INDEX TERM: Freezing  
(-thawing; pigment compn. for body **cosmetics**  
and method for its prodn.)  
INDEX TERM: **Cosmetics**  
(antiaging; pigment compn. for body **cosmetics**  
and method for its prodn.)  
INDEX TERM: Muscle  
(elasticity of; pigment compn. for body **cosmetics**  
and method for its prodn.)  
INDEX TERM: Filters  
(for sea salt purifn. from seawater; pigment compn. for  
body **cosmetics** and method for its prodn.)  
INDEX TERM: Behavior  
(locomotor, facilitation of; pigment compn. for body

INDEX TERM: **cosmetics** and method for its prodn.)  
Elasticity  
(of muscle; pigment compn. for body **cosmetics**  
and method for its prodn.)

INDEX TERM: Acids, uses  
ROLE: NUU (Other use, unclassified); USES (Uses)  
(org.; pigment compn. for body **cosmetics** and  
method for its prodn.)

INDEX TERM: Antiobesity agents  
Brines  
Brown algae (**Phaeophyceae**)  
**Cosmetics**  
Extraction  
Loess  
Marine plant  
Pigments, biological  
Tangle  
Viscous materials  
(pigment compn. for body **cosmetics** and method  
for its prodn.)

INDEX TERM: Clays, biological studies  
Inorganic compounds  
ROLE: BUU (Biological use, unclassified); THU (Therapeutic  
use); BIOL (Biological study); USES (Uses)  
(pigment compn. for body **cosmetics** and method  
for its prodn.)

INDEX TERM: Seawater  
(sea salt purifn. from; pigment compn. for body  
**cosmetics** and method for its prodn.)

INDEX TERM: Drug delivery systems  
(**topical**; pigment compn. for body  
**cosmetics** and method for its prodn.)

INDEX TERM: 1318-74-7, Kaolinite, biological studies 1318-93-0,  
Montmorillonite, biological studies 7429-90-5, Aluminum,  
biological studies 7439-95-4, Magnesium, biological  
studies 7440-09-7, Potassium, biological studies  
7440-70-2, Calcium, biological studies 7553-56-2, Iodine,  
biological studies 7631-86-9, Silica, biological studies  
7782-49-2, Selenium, biological studies 9005-32-7, Alginic  
acid  
ROLE: BUU (Biological use, unclassified); THU (Therapeutic  
use); BIOL (Biological study); USES (Uses)  
(pigment compn. for body **cosmetics** and method  
for its prodn.)

L8 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:309949 CAPLUS  
DOCUMENT NUMBER: 126:282555  
TITLE: Rough skin-preventing and antiaging **cosmetics**  
containing hyaluronidase inhibitor from algae  
INVENTOR(S): Ehata, Shinya; Takita, Yatsuhiko; Myahara, Tsuneo  
PATENT ASSIGNEE(S): Lion Corp, Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 10 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
INT. PATENT CLASSIF.:  
MAIN: A61K035-80  
SECONDARY: A61K007-00; A61K007-48  
CLASSIFICATION: 62-4 (Essential Oils and Cosmetics)  
Section cross-reference(s): 11  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09067266	A2	19970311	JP 1996-154468	19960614 <--
PRIORITY APPLN. INFO.:			JP 1995-156448	19950622

ABSTRACT:

Rough skin-preventing and antiaging **cosmetics** contain hyaluronidase inhibitor extd. from green, red, or brown algae. A **cosmetic** lotion contained alga exts. 0.2, 1,3-butylene glycol 3.0, citric acid 0.02, sodium citrate 0.05, **ethanol** 18.0, methylparaben 0.1, perfumes and purified water to 100 wt.%.

SUPPL. TERM: rough skin **cosmetic** hyaluronidase inhibitor;  
antiaging **cosmetic** hyaluronidase inhibitor alga

INDEX TERM: Antiaging **cosmetics**  
Brown algae (**Phaeophyceae**)  
Bryopsis plumosa  
**Cosmetic** emulsions  
**Cosmetics**  
Green algae (Chlorophyta)  
Lotions (**cosmetics**)  
Monostroma nitidum  
Red algae (Rhodophyta)  
Skin creams  
Ulva pertusa

(rough skin-preventing and antiaging **cosmetics**  
contg. hyaluronidase inhibitor from algae)  
INDEX TERM: Skin diseases  
(rough skin; rough skin-preventing and antiaging  
**cosmetics** contg. hyaluronidase inhibitor from  
algae)

INDEX TERM: 9001-54-1P, Hyaluronidase  
ROLE: BUU (Biological use, unclassified); PUR (Purification  
or recovery); BIOL (Biological study); PREP (Preparation);  
USES (Uses)  
(inhibitors; rough skin-preventing and antiaging  
**cosmetics** contg. hyaluronidase inhibitor from  
algae)

L15 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:577429 CAPLUS  
DOCUMENT NUMBER: 133:182762  
TITLE: **Cosmetics** containing collagen and seaweed  
extracts for treatment of rough skin  
INVENTOR(S): Tominaga, Naoki  
PATENT ASSIGNEE(S): Shiseido Co., Ltd., Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
INT. PATENT CLASSIF.:  
MAIN: A61K007-48  
SECONDARY: A61K007-00; A61P017-00; A61P017-16; A61K035-80;  
A61K038-17  
CLASSIFICATION: 62-4 (Essential Oils and Cosmetics)  
Section cross-reference(s): 63  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000229832	A2	20000822	JP 1999-31325	19990209 <--

ABSTRACT:

The **cosmetics** are claimed. The collagen may be that derived from fish, which show higher emollient effect on stratum corneum. The \*\*\*cosmetics\*\*\* may addnl. contain dried products of seawater. An aq. soln. of PANCOGEN MARIN (collagen purified from skin and bone marrow of flatfish, salmon, sardine, and tuna) and PHYCOL LD BG (brown alga ext.) relieved symptoms of Na lauryl sulfate-induced rough skin in volunteers. Lotions, creams, emulsions, ointments, etc., contg. collagens and seaweed exts. were also prepd.

SUPPL. TERM: **cosmetic** rough skin treatment collagen seaweed  
ext; fish collagen seaweed ext **cosmetic** rough skin  
treatment  
INDEX TERM: Collagens, biological studies  
ROLE: BUU (Biological use, unclassified); THU (Therapeutic  
use); BIOL (Biological study); USES (Uses)  
(PANCOGEN MARIN; **cosmetics** contg. collagen and  
seaweed exts. for treatment of rough skin)  
INDEX TERM: Fish  
(collagens derived from; **cosmetics** contg.  
collagen and seaweed exts. for treatment of rough skin)  
INDEX TERM: **Cosmetics**  
(**cosmetics** contg. collagen and seaweed exts.  
for treatment of rough skin)  
INDEX TERM: Seawater  
(dried products; **cosmetics** contg. collagen and  
seaweed exts. for treatment of rough skin)  
INDEX TERM: Chlorella  
(exts., Dermochlorella D; **cosmetics** contg.  
collagen and seaweed exts. for treatment of rough skin)  
INDEX TERM: Brown algae (**Phaeophyceae**)  
(exts., PHYCOL LD BG; **cosmetics** contg. collagen  
and seaweed exts. for treatment of rough skin)  
INDEX TERM: Red algae (Rhodophyta)  
(exts., Rh. Deless HG; **cosmetics** contg.  
collagen and seaweed exts. for treatment of rough skin)  
INDEX TERM: Delesseria violacea  
Green algae (Chlorophyta)  
Laminaria japonica  
Seaweed

(exts.; **cosmetics** contg. collagen and seaweed  
exts. for treatment of rough skin)

INDEX TERM:

Skin, disease

(rough skin; **cosmetics** contg. collagen and  
seaweed exts. for treatment of rough skin)

INDEX TERM:

Drug delivery systems

(**topical**; **cosmetics** contg. collagen  
and seaweed exts. for treatment of rough skin)

L8 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:788404 CAPLUS

DOCUMENT NUMBER: 128:7220

TITLE: **Dictyotales** extracts for the alteration of glycosyl moieties of tissue extracellular matrixes

INVENTOR(S): Gutierrez, Gilles

PATENT ASSIGNEE(S): Texinfine, Fr.; Laboratoires Laphal SA

SOURCE: Fr. Demande, 17 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent

LANGUAGE: French

INT. PATENT CLASSIF.:

MAIN: A61K035-80

SECONDARY: A61K007-48; A23L001-337; A23K001-14; A01K061-00

CLASSIFICATION: 62-4 (Essential Oils and Cosmetics)

Section cross-reference(s): 17, 63

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2743723	A1	19970725	FR 1996-522	19960118 <--
FR 2743723	B1	19980417		
CA 2216600	AA	19970724	CA 1997-2216600	19970120 <--
JP 11502235	T2	19990223	JP 1997-525757	19970120 <--
PRIORITY APPLN. INFO.:			FR 1996-522	19960118
			WO 1997-FR106	19970120

ABSTRACT:

An algae or its prepn. from **Dictyotales** is used for the alteration of glycosyl moieties of tissue extracellular matrixes and tissue regeneration and can be used in **cosmetics** and pharmaceuticals. Thus, a \*\*\*cosmetic\*\*\* cream contained **Dictyotales** ext. 0.5 (in liposome form), and Carbomer 0.5 parts, 10% NaOH soln. qs, and water to 100 mL.

SUPPL. TERM: **Dictyotales** ext algae **cosmetic**  
pharmaceutical; extracellular matrix **Dictyotales**  
ext pharmaceutical

INDEX TERM: Algae  
Arthropod (Arthropoda)  
Chondrocyte

**Cosmetics**

**Dictyotales**

Extracellular matrix

Fibroblast

Glycosylation

Osteoblast

**Padina** pavonia

Skin

(**Dictyotales** exts. for alteration of glycosyl moieties of tissue extracellular matrixes)

INDEX TERM: Glycosaminoglycans, biological studies

Proteoglycans, biological studies

ROLE: BSU (Biological study, unclassified); BIOL (Biological study)

(**Dictyotales** exts. for alteration of glycosyl moieties of tissue extracellular matrixes)

INDEX TERM: Alkanes, uses

ROLE: NUU (Other use, unclassified); USES (Uses)

(**Dictyotales** exts. for alteration of glycosyl moieties of tissue extracellular matrixes)

INDEX TERM: Esters, uses

ROLE: NUU (Other use, unclassified); USES (Uses)

(Dictyotales exts. for alteration of glycosyl  
 moieties of tissue extracellular matrixes)

INDEX TERM: Ethers, uses  
 ROLE: NUU (Other use, unclassified); USES (Uses)

(Dictyotales exts. for alteration of glycosyl  
 moieties of tissue extracellular matrixes)

INDEX TERM: **Cosmetics**  
 (creams; Dictyotales exts. for alteration of  
 glycosyl moieties of tissue extracellular matrixes)

INDEX TERM: 9004-61-9, Hyaluronic acid 9007-28-7, Chondroitin sulfate  
 ROLE: BPR (Biological process); BSU (Biological study,  
 unclassified); BIOL (Biological study); PROC (Process)

(Dictyotales exts. for alteration of glycosyl  
 moieties of tissue extracellular matrixes)

INDEX TERM: 471-34-1, Calcium carbonate, biological studies  
 14791-73-2, Aragonite  
 ROLE: BSU (Biological study, unclassified); BIOL (Biological  
 study)

(Dictyotales exts. for alteration of glycosyl  
 moieties of tissue extracellular matrixes)

INDEX TERM: 64-17-5, **Ethanol**, uses  
 ROLE: NUU (Other use, unclassified); USES (Uses)

(Dictyotales exts. for alteration of glycosyl  
 moieties of tissue extracellular matrixes)